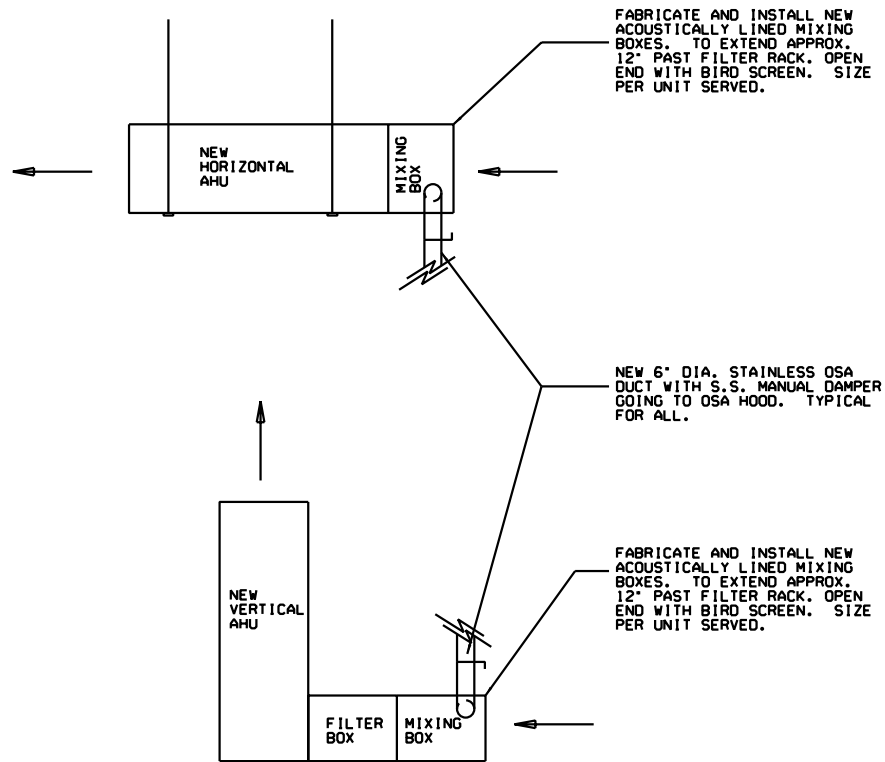


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G  
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D  
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B  
A

NEW AIR HANDLING UNIT SCHEDULE																								
					BLOWER DATA					CHILLED WATER COIL DATA					ELECTRICAL DATA					FILTER DATA				
TAG NO.	AREA SERVED	MAKE	MODEL	STYLE	FAN TYPE	CFM	TOTAL STATIC PRESS. EXT. S. F.	FAN RPM	MOTOR RPM	TOTAL (MBTU/HR)	SENSIBLE (MBTU/HR)	ENT AIR F DB	ENT AIR F WB	WTR GPM	RATED VOLTS	PHASE	FLA AMPS	MIN. MOTOR EFFICIENCY (%)	COMMENTS	TYPE	NAME MODEL	NO. REQUIRED	SIZE	ACCESSORIES/COMMENTS
AHU-1	1ST FLOOR	CARRIER	39SH03	HORIZ	CENT FC BELT DRIVEN	1000	1.00"	1337	1750	34.79	25.68	80	67	5.0	208-230V	3	TBD	82.0%		PLEATED MEDIA	AIR FILTER INC MPAD	1	16"X32"X2"	1. CORROSION PROTECTION OF COOLING COIL BLYGOLD OR EQUAL. INCLUDE WARRANTY. 2. REUSE EXISTING DISCONNECT. NEW CONDUCTORS AND SEALTIGHT FROM DISCONNECT TO UNIT SERVED. 3. FABRICATE AND INSTALL ACOUSTICALLY LINED MIXING BOXES. SIZED PER UNIT. RETURN AIR VELOCITY NOT TO EXCEED 900FPM TO FILTER RACK. 4. PROVIDE 5 SPARE SETS OF FILTERS PER AHU.
AHU-2	2ND FLOOR	CARRIER	39SH04	HORIZ	CENT FC BELT DRIVEN	1600	1.00"	1097	1750	62.7	34.94	80	67	12.0	208-230V	3	TBD	82.0%		PLEATED MEDIA	AIR FILTER INC MPAD	2	20"X20"X2"	
AHU-3	3RD FLOOR	CARRIER	39SV09	VERT	CENT FC BELT DRIVEN	4000	1.00"	981	1750	119.48	92.23	80	67	23.3	208-230V	3	TBD	84.0%		PLEATED MEDIA	AIR FILTER INC MPAD	2	16"X32"X2" 20"X32"X2"	
AHU-4	4TH FLOOR	CARRIER	39SV09	VERT	CENT FC BELT DRIVEN	4000	1.00"	981	1750	119.48	92.23	80	67	23.3	208-230V	3	TBD	84.0%		PLEATED MEDIA	AIR FILTER INC MPAD	2	16"X32"X2" 20"X32"X2"	
AHU-5	5TH FLOOR	CARRIER	39SH07	HORIZ	CENT FC BELT DRIVEN	2600	1.00"	804	1750	80.08	61.39	80	67	15.5	208-230V	3	TBD	84.0%		PLEATED MEDIA	AIR FILTER INC MPAD	2	16"X32"X2" 20"X32"X2"	
AHU-6	6TH FLOOR	CARRIER	39SH03	HORIZ	CENT FC BELT DRIVEN	1400	1.00"	1566	1750	45.16	34.19	80	67	6.4	208-230V	3	TBD	82.0%		PLEATED MEDIA	AIR FILTER INC MPAD	1	16"X32"X2"	
AHU-7	7TH FLOOR	CARRIER	39SV04	VERT	CENT FC BELT DRIVEN	1600	1.00"	1097	1750	62.7	43.94	80	67	12.0	208-230V	3	TBD	84.0%		PLEATED MEDIA	AIR FILTER INC MPAD	2	20"X20"X2"	
AHU-8	CAB FIR	CARRIER	39SH09	HORIZ	CENT FC BELT DRIVEN	3800	1.00"	1053	1750	115.63	88.7	80	67	22.5	208-230V	3	TBD	85.0%		PLEATED MEDIA	AIR FILTER INC MPAD	2	16"X32"X2" 20"X32"X2"	



AHU ORIENTATION AND MIXING BOXES  
NO SCALE

**NO FUMES OR ODORS SHALL BE ALLOWED TO FLOW THROUGH OUT THE FAA FACILITY WHILE CONSTRUCTION WORK IS BEING PERFORMED**

- CONTRACTOR SHALL BE AWARE IF THERE ARE SMELLS OR ODORS THAT WILL BE EMITTED IN THE AIR WHEN ANY WORK IS BEING PERFORMED. THE RESIDENT ENGINEER RESERVES THE RIGHT TO HAVE THIS WORK ACCOMPLISHED DURING THE NIGHT HOURS OF 11:00PM TO 6:00AM.
- CONTRACTOR SHALL PROVIDE SUFFICIENT VENTILATION TO EXHAUST ALL FUMES AND ODORS TO THE OUTDOORS WHILE THIS WORK IS BEING PERFORMED. NO FUMES OR ODORS SHALL BE ALLOWED TO FLOW INTO THE OFFICE AREAS, THE EQUIPMENT ROOMS, THE BREAKROOM, THE TOWER CAB OR ANY OTHER INTERIOR ROOMS. THERE WILL BE NO EXCEPTION TO THIS REQUIREMENT.

**VIBRATION ISOLATORS FOR NEW AIR HANDLING UNITS**

- CONTRACTOR SHALL PROVIDE AND INSTALL NEW VIBRATION ISOLATORS FOR THE NEW AIR HANDLING UNITS.
- INSTALL VIBRATION ISOLATORS AS REQUIRED AND RECOMMENDED BY THE AHU MANUFACTURER. SELECT ISOLATORS BASED ON ACTUAL EQUIPMENT OPERATING WEIGHT.
- PROVIDE VIBRATION ISOLATORS WITH THE FOLLOWING (MIN):
  - SEISMIC SPRING MOUNT, 1 INCH DEFLECTION
  - HEAVY DUTY STEEL SPRING
  - ISOLATOR UNIT WITH A BUILT IN ALL DIRECTIONAL SNUBBING.
  - RATED 2G SEISMIC INPUT, ZONE 4 APPLICATION
  - STAINLESS STEEL
- PROVIDE SUBMITTALS TO THE RESIDENT ENGINEER FOR APPROVAL PRIOR TO PROCURING ANY MATERIALS.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APPROVED
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS      WESTERN SERVICE AREA ATCT HILO INTERNATIONAL AIRPORT ATCT MODERNIZATION - MECH. RENOVATION NEW HVAC EQUIPMENT SCHEDULE					
HILO      HAWAII      HI					
REVIEWED BY	SUBMITTED ON	APPROVED BY	DO NOT SIGN		
EDWARD CHAU	01/29/2010	CLIFFORD RUSTAD	DO NOT SIGN		
PROJECT ENGINEER	ISSUED BY	MGR. ENGINEERING - LA	DO NOT SIGN		
DESIGNED	DATE	01/29/2010	JCN	415344	REV
DRAWN	ENGINEERING SERVICE	DRAWING NO	DO NOT SIGN		
CHECKED	TERMINAL	ITD-D-ATCT-M027	DO NOT SIGN		